

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number  
WO 2005/053230 A3

(51) International Patent Classification<sup>7</sup>: H04L 12/26, (74) Agent: REINHOLD COHN AND PARTNERS; P.O.B. G06F 9/445, H04L 29/06 4060, 61040 Tel-Aviv (IL).

(21) International Application Number: PCT/IL2004/001091

(22) International Filing Date: 28 November 2004 (28.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/525,136 28 November 2003 (28.11.2003) US

(71) Applicant (for all designated States except US): INSIGHTIX LTD. [IL/IL]; P.O.B. 2660, 3 HaSadna Street, 43665 Ra'anana (IL).

(72) Inventor; and

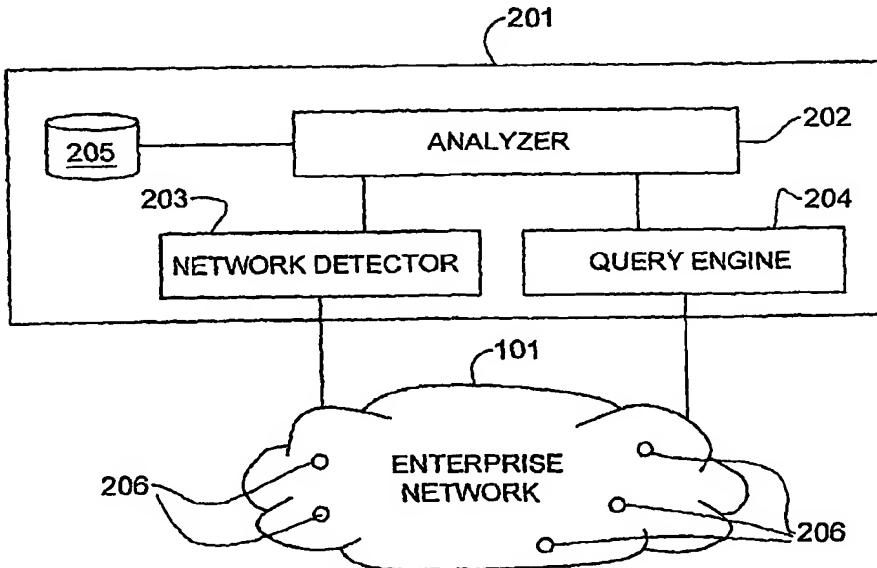
(75) Inventor/Applicant (for US only): ARKIN, Ofir [IL/IL]; 7/1 Ashour, 21861 Carmiel (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHODS AND SYSTEMS FOR COLLECTING INFORMATION RELATING TO A COMMUNICATION NETWORK AND FOR COLLECTING INFORMATION RELATING TO OPERATING SYSTEMS OPERATING ON NODES IN A COMMUNICATION NETWORK



WO 2005/053230 A3

(57) Abstract: The present invention provides a method and a system for collecting information relating to a communication network. Data conveyed by nodes operating in the communication network is detected in a manner that is transparent to the nodes. The detected data is analyzed for identifying information relating to the communication network and for identifying missing information. In order to complete the missing information, one or more of the nodes are queried.



**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**(88) Date of publication of the international search report:**

14 July 2005